MSG No. 198.9 $P2_13$ [Type I, cubic]

Table 1: Wyckoff site: 4a, site symmetry: .3.

No.	position	mapping
1	$[x,\, x,\, x]$	[1,5,6]
2	$\left[x+\frac{1}{2},\, \frac{1}{2}-x,\, -x\right]$	[2,10,11]
3	$\left[-x,\, x+\frac{1}{2},\, \frac{1}{2}-x\right]$	[3,7,12]
4	$\left[\frac{1}{2}-x,\, -x,\, x+\frac{1}{2}\right]$	[4,8,9]

Table 2: Wyckoff site: 12b, site symmetry: 1

No.	position	mapping
1	$[x,\, y,\, z]$	[1]
2	$\left[x+\frac{1}{2},\, \frac{1}{2}-y,\, -z\right]$	[2]
3	$\left[-x,\, y+\frac{1}{2},\, \frac{1}{2}-z\right]$	[3]
4	$\left[\frac{1}{2}-x,\, -y,\, z+\frac{1}{2}\right]$	[4]
5	$[z,\, x,\, y]$	[5]
6	$[y,\, z,\, x]$	[6]
7	$\left[-y,\, z+\frac{1}{2},\, \frac{1}{2}-x\right]$	[7]
8	$\left[\frac{1}{2}-z,\, -x,\, y+\frac{1}{2}\right]$	[8]
9	$\left[\frac{1}{2}-y,\, -z,\, x+\frac{1}{2}\right]$	[9]
10	$\left[z+\frac{1}{2},\, \frac{1}{2}-x,\, -y\right]$	[10]
11	$\left[y+\frac{1}{2},\, \frac{1}{2}-z,\, -x\right]$	[11]
12	$\left[-z,\, x+\frac{1}{2},\, \frac{1}{2}-y\right]$	[12]